

About Us

Pattern Energy is one of the world’s largest privately-owned developers and operators of wind, solar, transmission, and energy storage projects. Its operational portfolio includes 35 renewable energy facilities that use proven, best-in-class technology with an operating capacity of nearly 6,000 MW in the United States, Canada, Japan, and Mexico. Pattern Energy is guided by a long-term commitment to serve customers, protect the environment, and strengthen communities.

Global Portfolio



Projects and Facilities



Corporate Offices



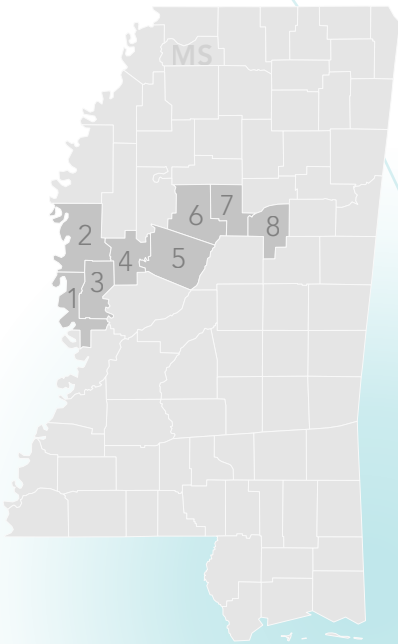
Map Disclaimers

The map includes only select development-stage projects and does not include the full pipeline. Pattern retains whole or partial ownership of most of the facilities we have brought to operation. Some transmission projects are owned in whole or in part by third-party development partners. Map is for illustration purposes only and countries are not to scale.

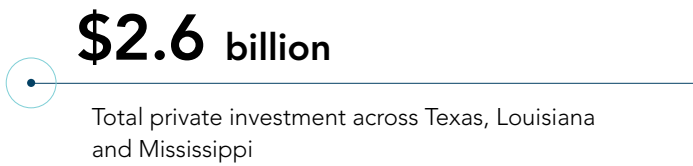
Southern Spirit | Mississippi

Pattern Energy is developing Southern Spirit Transmission to create a backbone between Texas and Southeastern transmission grids. The project facilitates a valuable connection to diverse energy resources and provides significant reliability benefits throughout the region.

The project is being privately funded by Pattern Energy and is projected to deliver increased reliability benefits and cost competitive power across the region. Beginning in Louisiana at the Texas border, the new ±525 kV transmission line will extend approximately 320 miles into Mississippi, passing through Issaquena, Washington, Sharkey, Humphreys, Holmes, Carroll, Montgomery, and Choctaw counties.



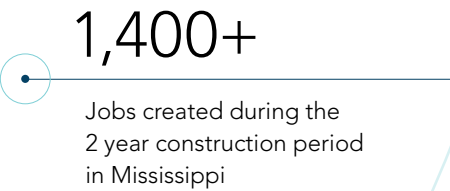
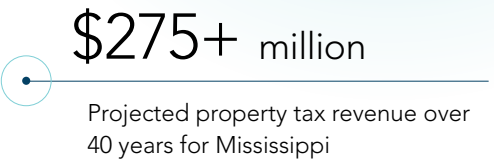
- 1. Issaquena
- 2. Washington
- 3. Sharkey
- 4. Humphreys
- 5. Holmes
- 6. Carroll
- 7. Montgomery
- 8. Choctaw



Total Transmission Construction Cost

ESTIMATED	MILLIONS
Converter Stations	\$1,216
DC Transmission Line	\$1,030
AC Transmission Line	\$125
Switching Station and Crossings	\$49
Development	\$263

Key figures summarized from a Mississippi economic impact analysis prepared February 2023 by Strategic Economic Research, LLC, a consulting firm. The analysis uses industry-standard models to provide estimated impacts across a range of economic categories.



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Economic Benefits for the State of Mississippi

Southern Spirit Transmission Line will pass through Issaquena, Washington, Sharkey, Humphreys, Holmes, Carroll, Montgomery, and Choctaw counties, utilizing a converter station in Choctaw County. The project represents a private investment of over \$2.6 billion by Pattern Energy, and will bring a broad range of direct and indirect economic impacts to local counties and the State of Mississippi.¹

Local Job Creation

Over the course of construction and throughout operations, the project will provide job opportunities across the region. During the two year construction period, over 1,400 jobs will be created in the State of Mississippi. Once complete, the transmission line will support over 160 permanent jobs in the state.

Strategic Economic Research estimates the project will provide the following employment impacts for the Mississippi counties along the line’s planned route during construction and operations.²

Taken together, local counties are estimated to see over \$138 million in total earnings impact during construction and operations. The rest of Mississippi is estimated to see an additional \$9.7 million in total earnings impact.

Widespread Economic Activity

Southern Spirit Transmission will drive extensive economic activity throughout its construction phase and into operations. The figures below provide the estimated total economic output impacts of the project. Economic output is the value of goods and services produced in the county or state.

Local and State Economic Impacts ESTIMATES

	Construction Impacts	Operations Impacts
Carroll County	\$13.9M	\$765k
Choctaw County	\$86.6M	\$19.8M
Holmes County	\$32.8M	\$2.9M
Humphreys County	\$17.5M	\$1.2M
Issaquena County	\$14.4M	\$1.0M
Montgomery County	\$10.4M	\$1.0M
Sharkey County	\$23.7M	\$1.1M
Washington County	\$2.6M	\$783k
Rest of Mississippi	\$29.7M	\$6.1M
State of Mississippi	\$232M	\$34.8M

¹ All estimates include direct, indirect, and induced impacts. Direct impacts represent jobs and activity directly involved in the construction and maintenance of the project. Indirect impacts include jobs and activity supported through indirect supply chain purchases and activities. Induced impacts consider additional spending and jobs created by higher spending by direct and indirect activities.

² Operations figures assume a 40-year lifespan for the facility, although transmission lines typically last much longer.



Construction Drives Local Opportunity

Transmission projects of this scale require large investments in materials and labor. Southern Spirit Transmission is projected to invest approximately \$288 million in construction costs in Mississippi over a two-year construction period. This includes over \$113 million in direct labor costs and \$13 million in landowner payments under lease and easement agreements.

Along with creating quality jobs throughout construction, building the line will generate opportunities for local businesses. Strategic Economic Research estimates construction will generate approximately \$46 million in revenue for Mississippi hotels and \$26 million for local restaurants.

State & Local Property Tax Revenues

The transmission line will be a source of local and state property taxes, providing funding for education and other local government services, such as fire protection, park districts, and road maintenance. In most jurisdictions, local school districts receive about half of all property taxes to support K-12 education. Over the first 40 years of operations, the project is expected to contribute over \$275 million in property taxes in the State of Mississippi, or an annual average of approximately \$6.8 million.

Estimated Property Tax Revenues ESTIMATES

	40-year Total	Annual Average
Carroll County	\$10.8M	\$271k
Choctaw County	\$126M	\$3.2M
Holmes County	\$52.3M	\$1.3M
Humphreys County	\$23.8M	\$594k
Issaquena County	\$23.2M	\$580k
Montgomery County	\$13.3M	\$332k
Sharkey County	\$20.1M	\$503k
Washington County	\$1.8M	\$45k

Community Engagement and Giving

Pattern Energy is committed to being partners with the communities where we have a presence throughout the life of our project. Community engagement is foundational to the long-term success of any energy project. Pattern Energy sought and incorporated feedback from local, regional, and national organizations to ensure the planned transmission line is developed with sensitivity for local needs, environmental preservation, and economic sustainability.

Acting as a good neighbor benefits the communities where we develop and the long-term success of our facilities. Pattern’s Community Benefits Programs support local economies and ensure regional benefits and lasting impact through sponsorships and donations. Our development plan includes annual funding to a variety of community-based organizations in the regions where the Southern Spirit Transmission Line will be built and operated.